

ABSTRACT

Methods and Compositions of Desensitisation

5 The invention relates to a method of desensitising a patient to a polypeptide allergen the
method comprising administering to the patient a peptide derived from the allergen wherein
restriction to a MHC Class II molecule possessed by the patient can be demonstrated by the
peptide and the peptide is able to induce a late phase response in an individual who possesses the
said MHC Class II molecule. A composition comprising a plurality of peptides derived from a
10 polypeptide allergen wherein for at least one of the peptides in the composition restriction to a
MHC Class II molecule can be demonstrated, and the composition is able to induce a late phase
response in an individual possessing the given MHC Class II molecule is also provided. The
invention also relates to a method of selecting a peptide for use as an immunotherapeutic agent
for desensitising a patient to a polypeptide allergen capable of eliciting an allergic response in
15 the patient.